

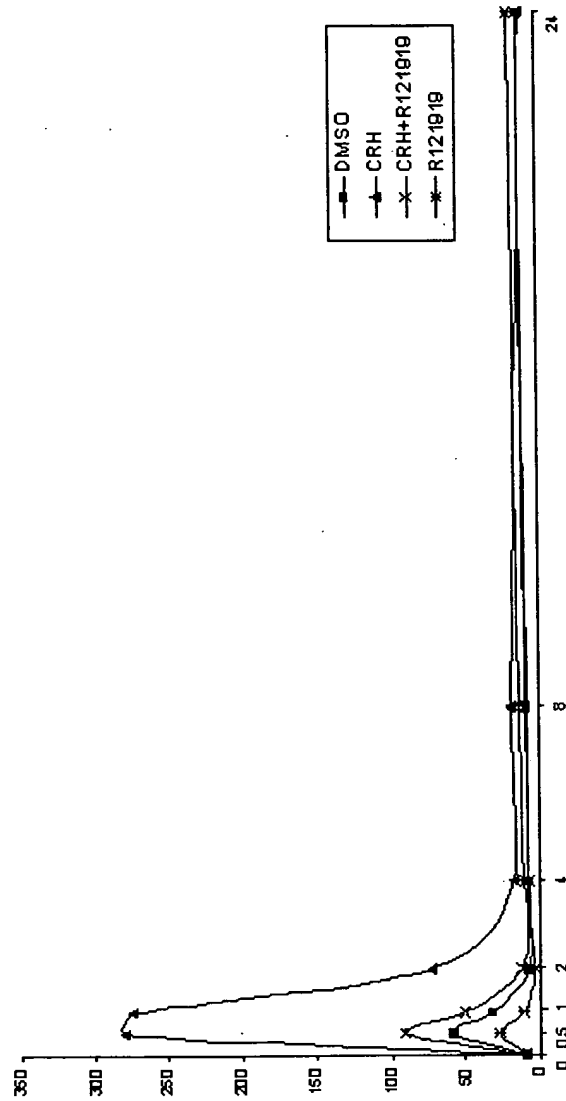
Table 1

List of proteins capable to modulate CRH signalling							
				SEQ ID No.			
				NA	AA	title	AC nr
transcription factors	gene symbol						
	NFIL3			1	2	nuclear factor, interleukin 3, regulated	U83148
	Pso			3	4	prostate specific ets transcription factor	AB019436
	Per			5	6	period homolog (Drosophila)	AF022992
kinases	gene symbol						
	ATK3			7	8	activating transcription factor 3	U19118
kinases	gene symbol						
	Fgfr2			9	10	fibroblast growth factor receptor 2	M23362
	Syk			11	12	serum glucocorticoid regulated kinase	NM_011361
	Pim3			13	14	serine threonine kinase pim3	BC017621
	Fyn			15	16	Fyn proto-oncogene	M27266
	Shk			17	18	serum inducible kinase	NM_152804
secreted peptides	gene symbol						
	Cck			19	20	Cholecystokinin	NM_031161
	Adm			21	22	adrenomedullin	U77630
	Cl			23	24	calcitonin	X97991
cAMP signalling	gene symbol						
	Pde4b			25	26	phosphodiesterase 4B; cAMP-specific	NM_019840
	Rgs2			27	28	regulator of G-protein signaling 2	U87187
	Crem			29	30	cAMP responsive element modulator	M60285
inositol signalling	gene symbol						
	IP3R1			31	32	inositol 1,4,5-trisphosphate receptor 1	X15373
	Plk3r1			33	34	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	U50413
phosphatases	gene symbol						
	Ptpn			35	36	protein tyrosine phosphatase, receptor-type, N	U11812
	Ptpn16			37	38	protein tyrosine phosphatase, non-receptor type 16	X61940
receptor and channel regulators	gene symbol						
	Gem/Kir			39	40	Ras related GTP binding protein	U10551
	Ramp3			41	42	receptor (calcitonin) activity modifying protein 3	AJ250491
proteases	gene symbol						
	Usp2			43	44	ubiquitin specific protease 2	NM_016808
unknowns	gene symbol						
unknowns	gene symbol						
	93974_at			45	46	RKEN cDNA 1300002F13 gene	NM_133753
	95326_at			47	48	Mus musculus, Similar to Tyrosine aminotransferase, clone MGC-37790 IMAGE:5097591	AJ255353
	95392_at			49	49	tumor necrosis factor, alpha-induced protein 3	NM_009397

Table 2

B-actin forward	5'-CATCTTGGCCTCACTGTCAC-3'
B-actin probe	5'-TGCTTGTGTATCCACATCTGCTGGA-3'
B-actin reverse	5'-GGGCCGGACTCATCGTACT-3'
c-fos forward	5'-GGGAGGACCTTACCTGTTTCGT-3'
c-fos probe	5'-CACCAGGCTGTGGGCCTCAAGG-3'
c-fos reverse	5'-CCAGATGTGGATGCTTGGAA-3'
CRF <sub>2</sub> forward	5'-GGGAGAACAAGCGCCTG-3'
CRF <sub>2</sub> probe	5'-AGAAGGGTGAGGATCCCCAAATCAGAGT-3'
CRF <sub>2</sub> reverse	5'-CCCTTGTTTCAATCACTCCCA-3'
CRF <sub>1</sub> forward	5'-TTTCTGAACAGTGAGGTCCGC-3'
CRF <sub>1</sub> probe	5'-CCGGAAGAGGTGGCGGCCGA-3'
CRF <sub>1</sub> reverse	5'-GGGCTCTGATGGAGTGCTTG-3'
Rgs2 forward	5'-TTGGAAGACCCGTTTGAGCTA-3'
Rgs2 probe	5'-TCTTGCAGAAATTCCTCTGCTCCTGGG-3'
Rgs2 reverse	5'-TTTCTTGCCAGTTTGGGTCT-3'
Fgfr2 forward	5'-AGACTTCCATGGGAATGATAGCA-3'
Fgfr2 probe	5'-CCTCTCGTCCGGCAGCTGGC-3'
Fgfr2 reverse	5'-AATGTGTAAGCCGGGCAGAA-3'
Mig-6 forward	5'-AATCCTTTGTCCAATACTGTACACACA-3'
Mig-6 probe	5'-GAAAAATGCACTGATCTCCGCA-3'
Mig-6 reverse	5'-GTATGAACTAAATGAAGGTTAAACATGCT-3'
Pi3k forward	5'-CCATGGTGCTTGTTAACGCTTT-3'
Pi3k probe	5'-CCCAACTGTGACTGCTGAAGCTTCA-3'
Pi3k reverse	5'-CCTGTCTACCTTCTGGTCTCCAA-3'
Crem forward	5'-CTTGCTGATCGTCTGGAGAGTTT-3'
Crem probe	5'-TGCTGATGACCGTCCATTGTGA-3'
Crem reverse	5'-TTAACATTCTGTAGGTTGCAAGAA-3'
Pde4b forward	5'-GCCGTGTGTATGGCTGCAT-3'
Pde4b probe	5'-CAGCCCCAGGCCACTGTGG-3'
Pde4b reverse	5'-AGGAGGGATAACAGGTGTGTGT-3'
CCK forward	5'-CCTGGACCCCAGCCATAGA-3'
CCK probe	5'-AGCCCATGTAGTCCCGTCACTTA-3'
CCK reverse	5'-TGCGCCGGCCAAAA-3'
CT forward	5'-GCTTGGACAGCCCCAGATC-3'
CT probe	5'-GGTACTCAGATTCCACACCCGCTT-3'
CT reverse	5'-TGTGTGTACGTGCCACGAT-3'
Nfil-3 forward	5'-GCGAGTTTGAAGGCATGCA-3'
Nfil-3 probe	5'-CTCTCTTCAACCCGCCGATGCGAT-3'
Nfil-3 reverse	5'-CCATGTTTCTCCAGGTCAAAATG-3'
Ramp-3 forward	5'-TGGCAGACTCGGCTTCTGT-3'
Ramp-3 probe	5'-TTTGCTTTGGCCACACCCTACCTGG-3'
Ramp-3 reverse	5'-CTGGTCGGGAGGCACTTTGG-3'
SGK forward	5'-TGGACCAATGCCCCAGTT-3'
SGK probe	5'-TCAGTCAAAGCCGTTGGTGTTCATTG-3'
SGK reverse	5'-GCCCGTTTTATAGGTGACATTTTAA-3'

Fig. 1





**Fig.3**

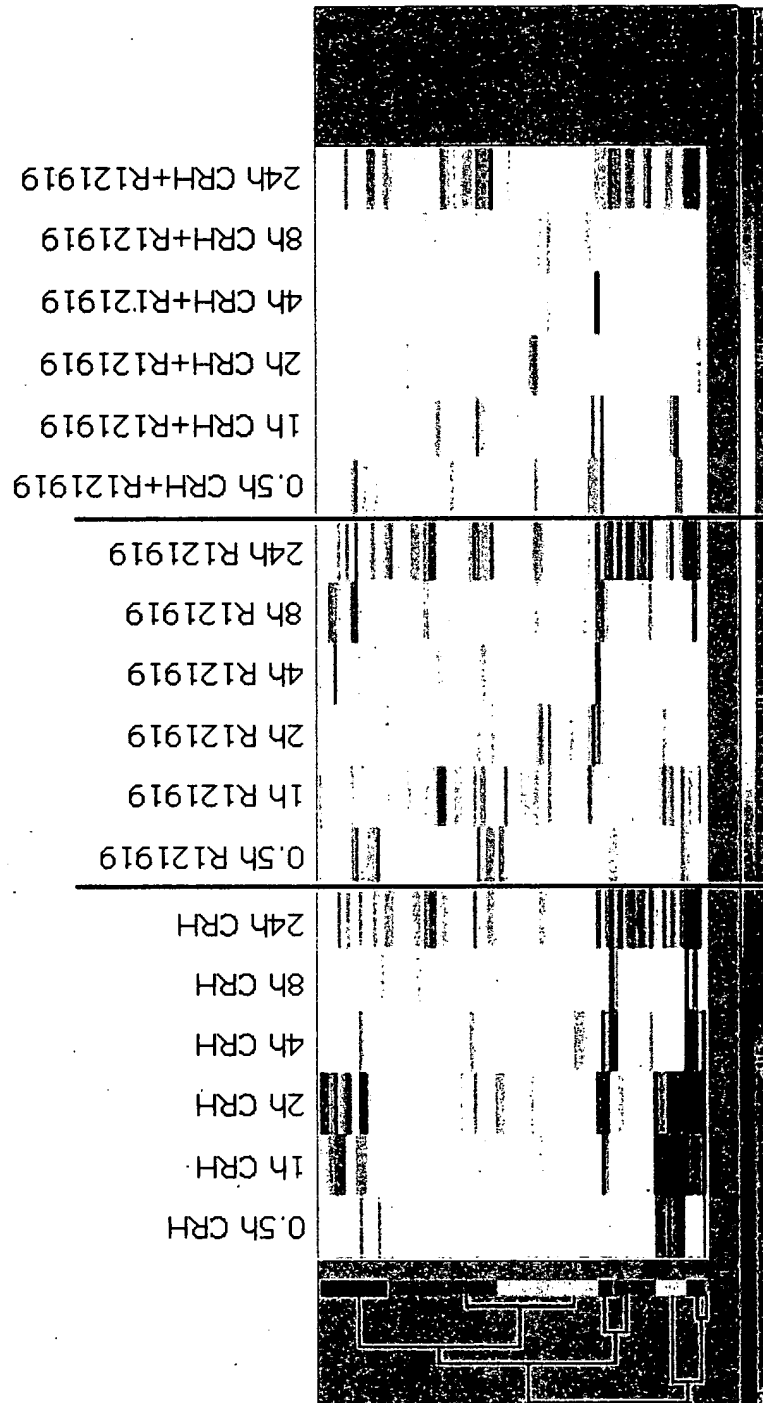


Fig. 4

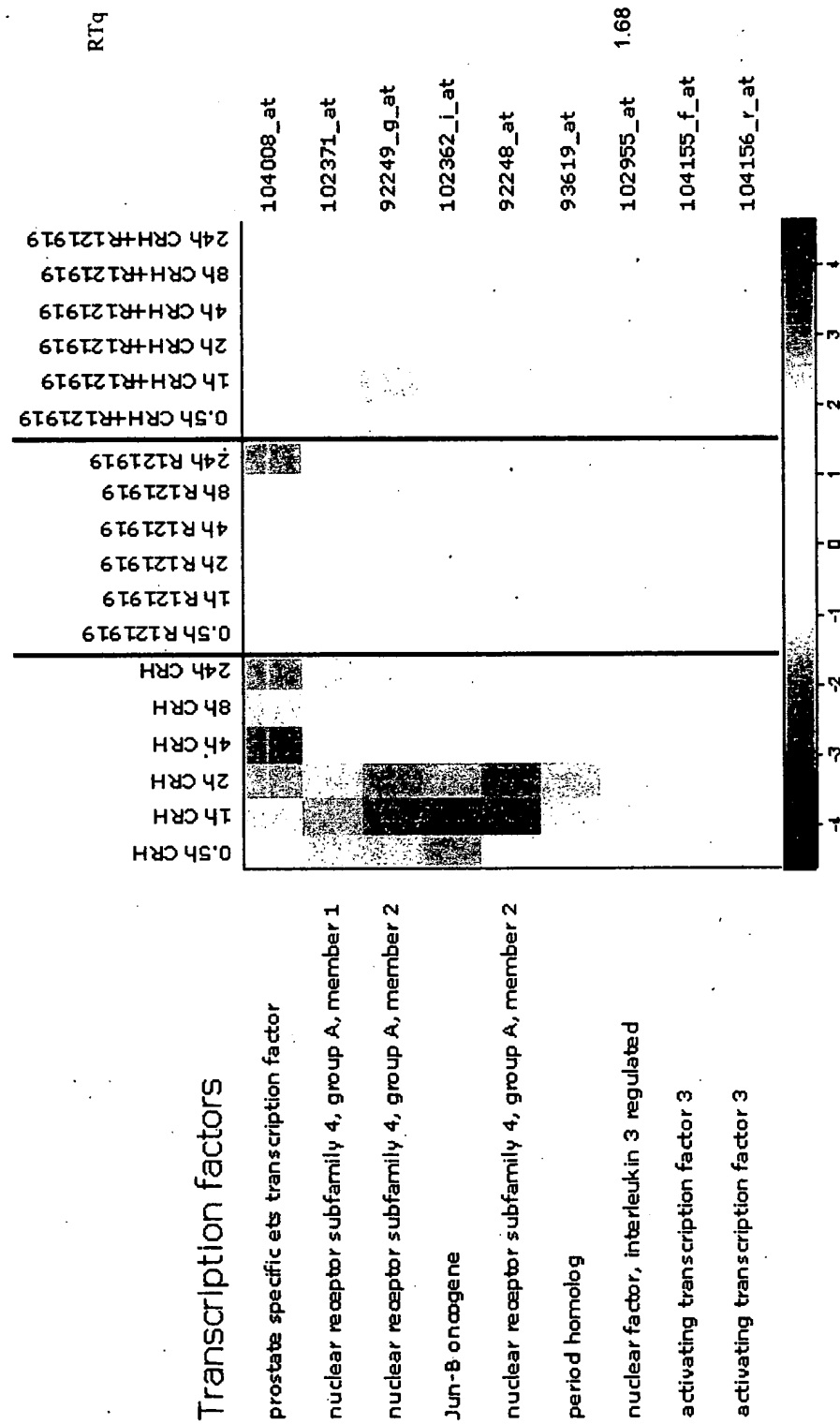


Fig. 4 - continued

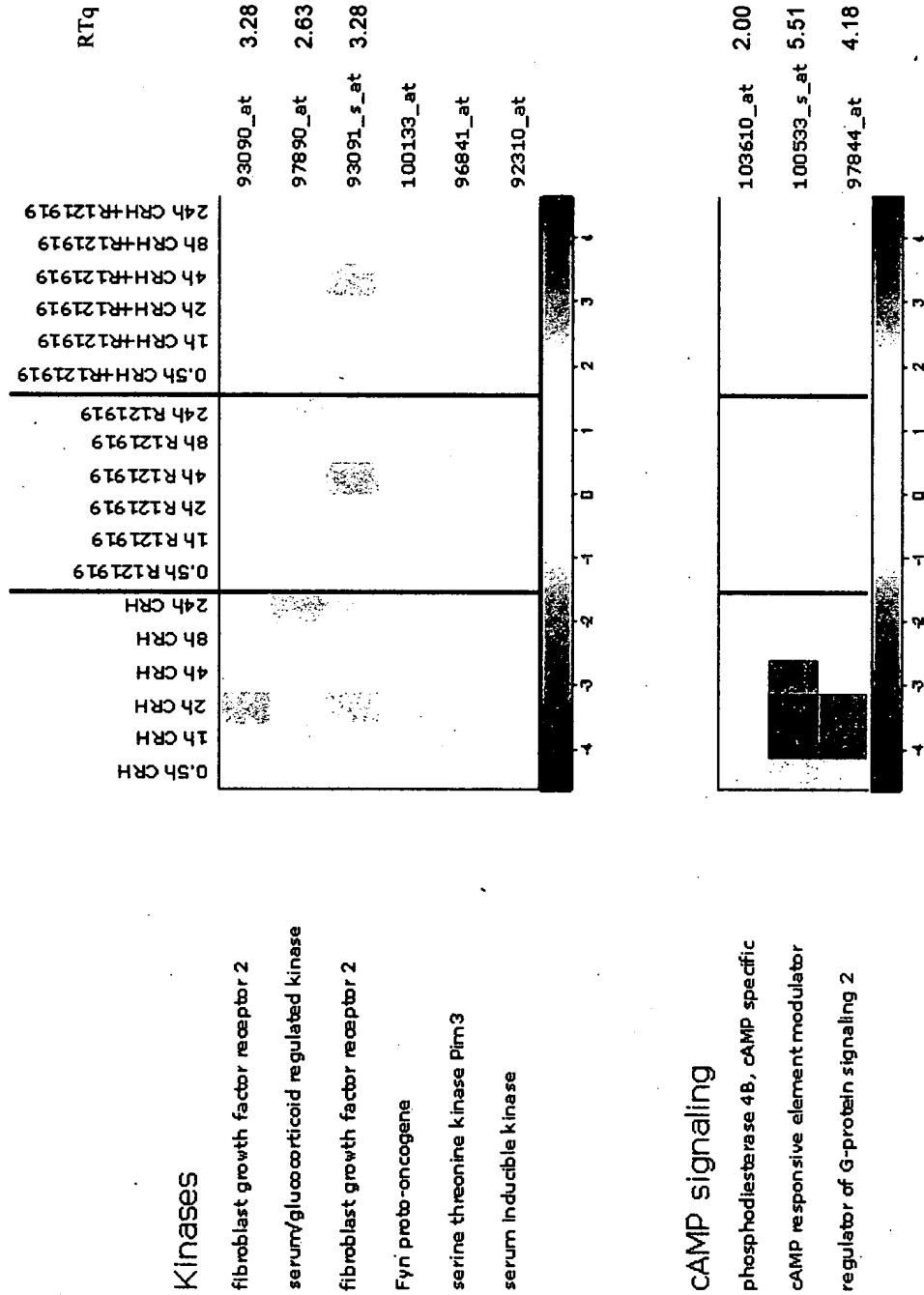


Fig.4 – continued

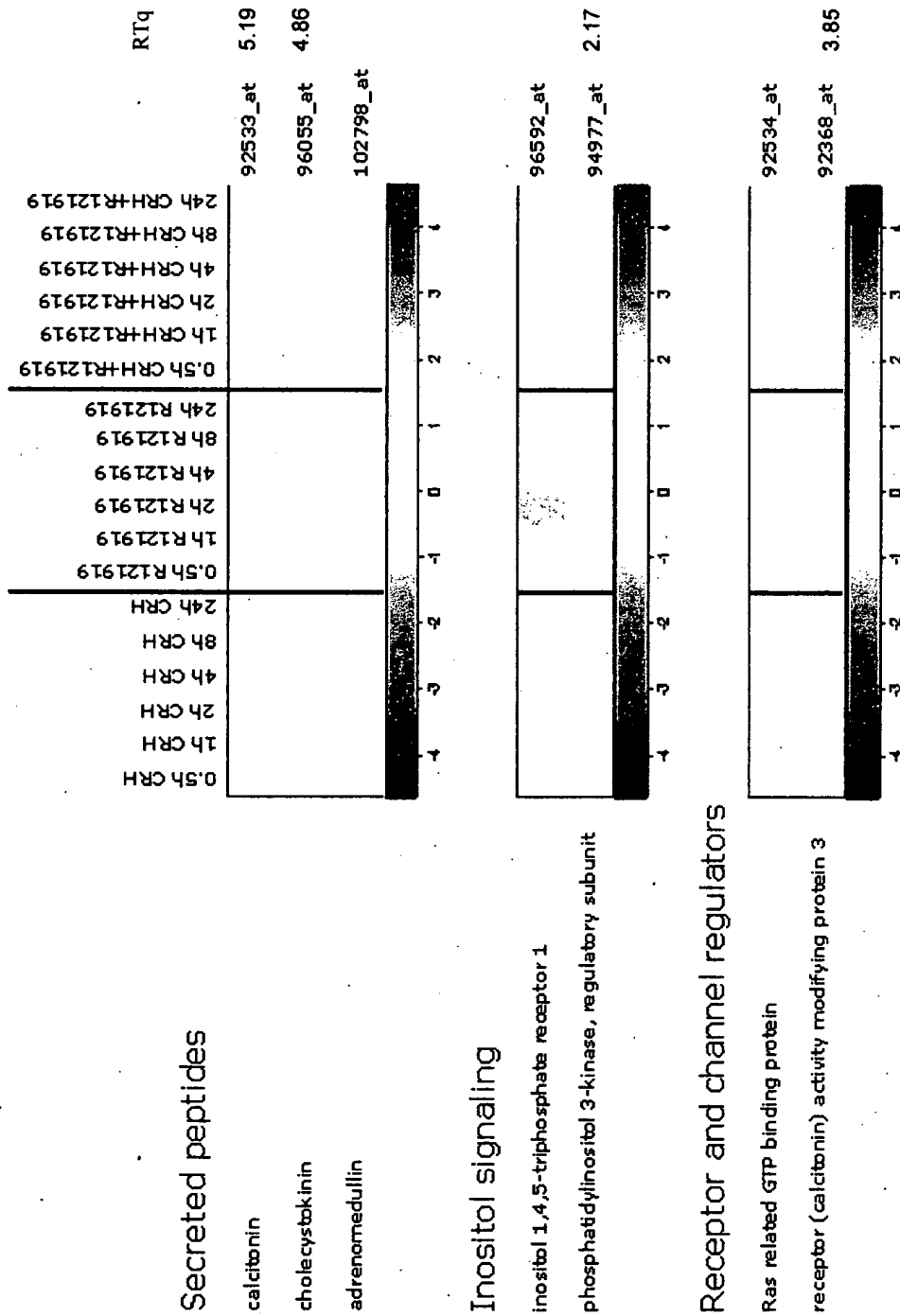




Fig. 4 – continued

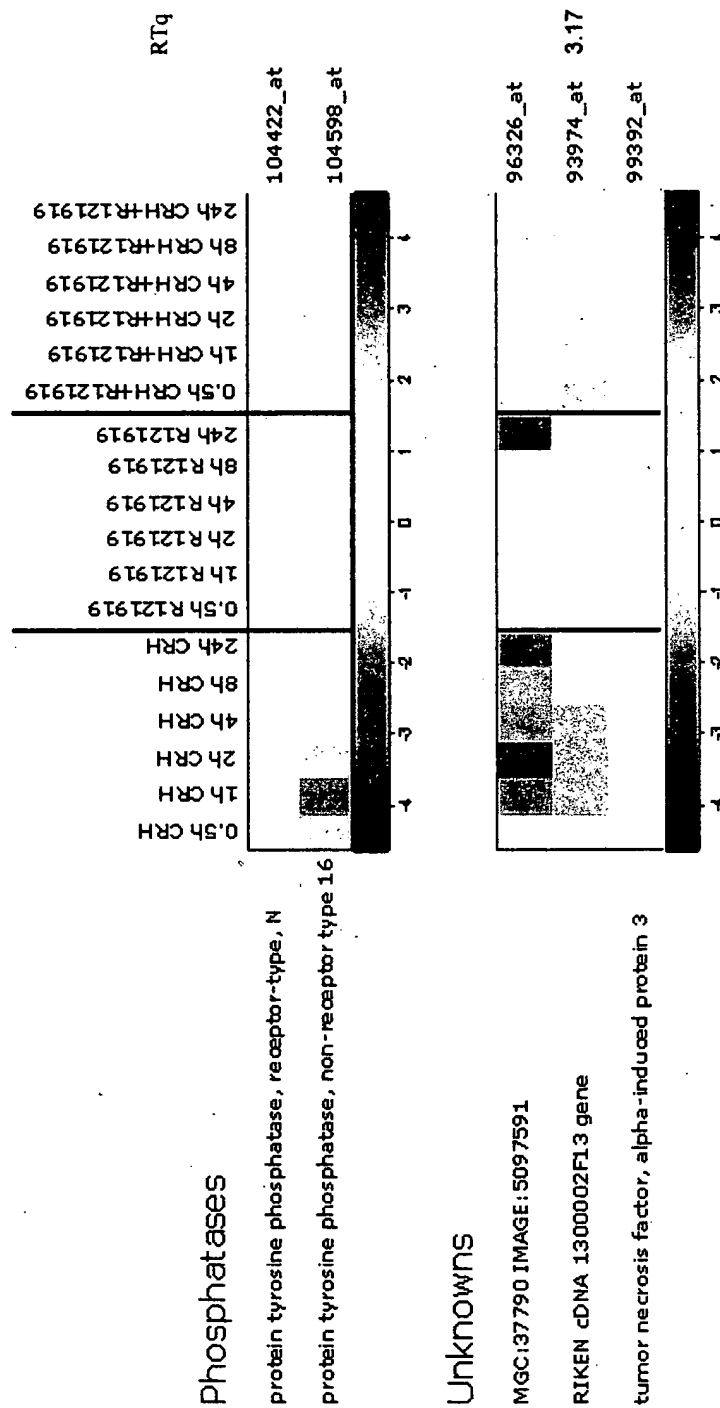


Fig. 5

